

FIG. 1a

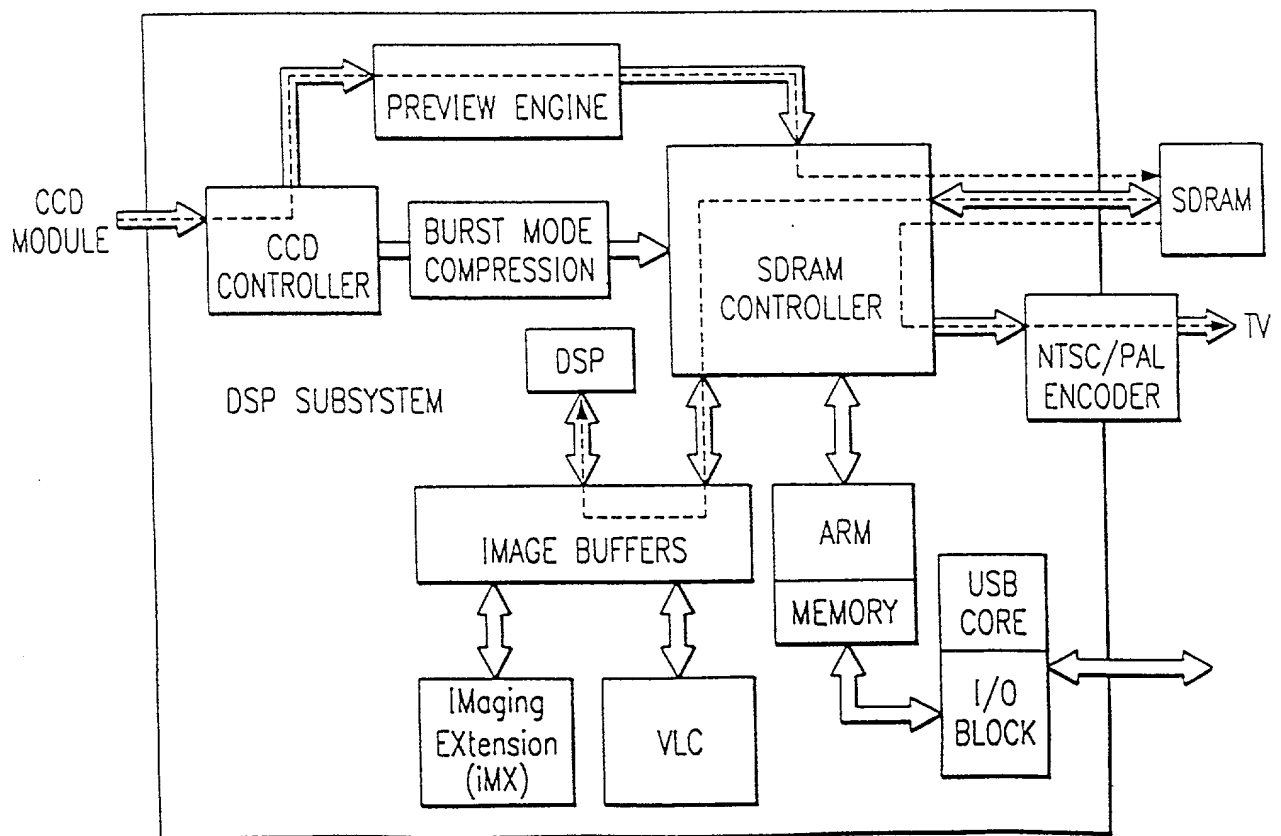
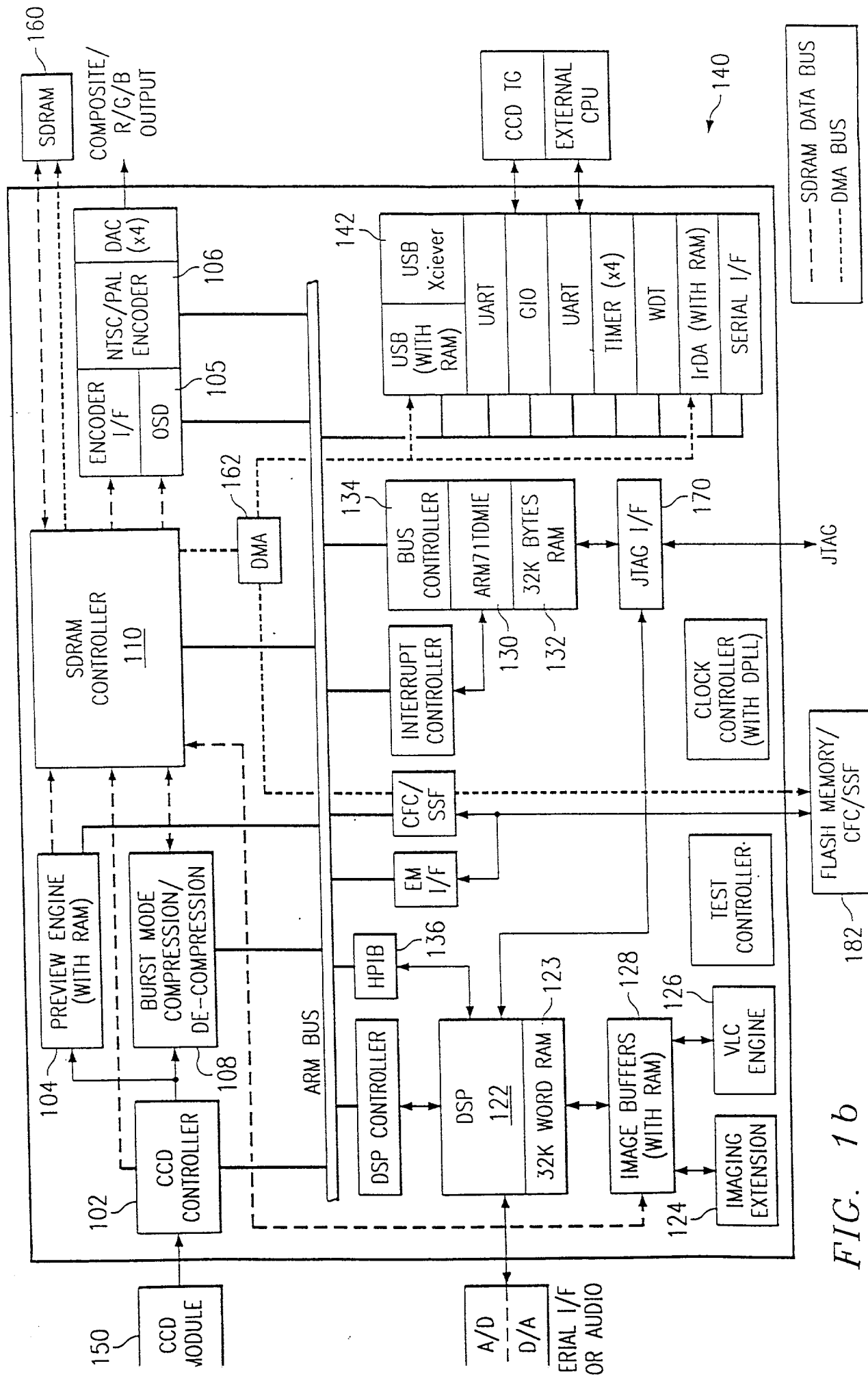


FIG. 2



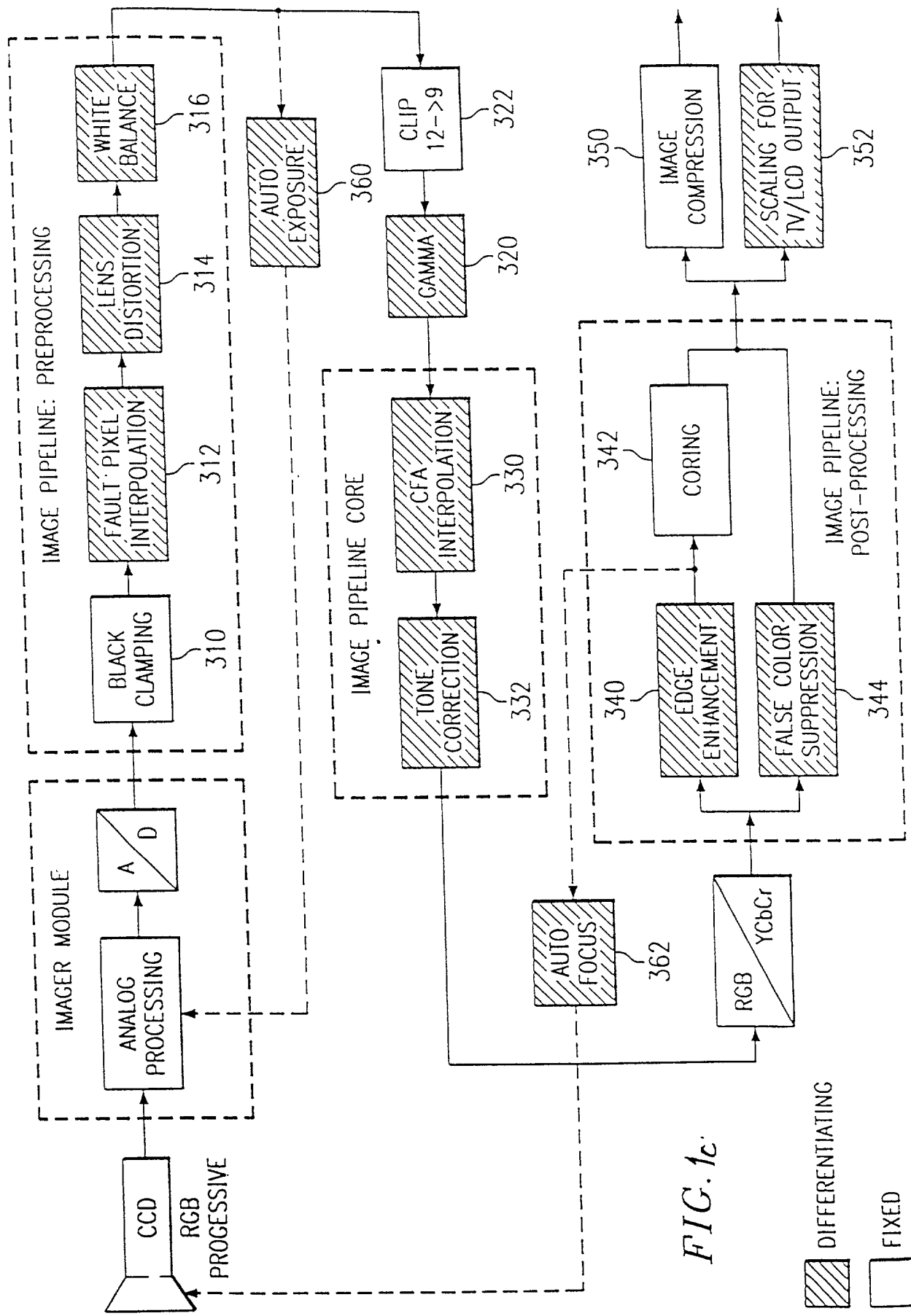


FIG. 1c

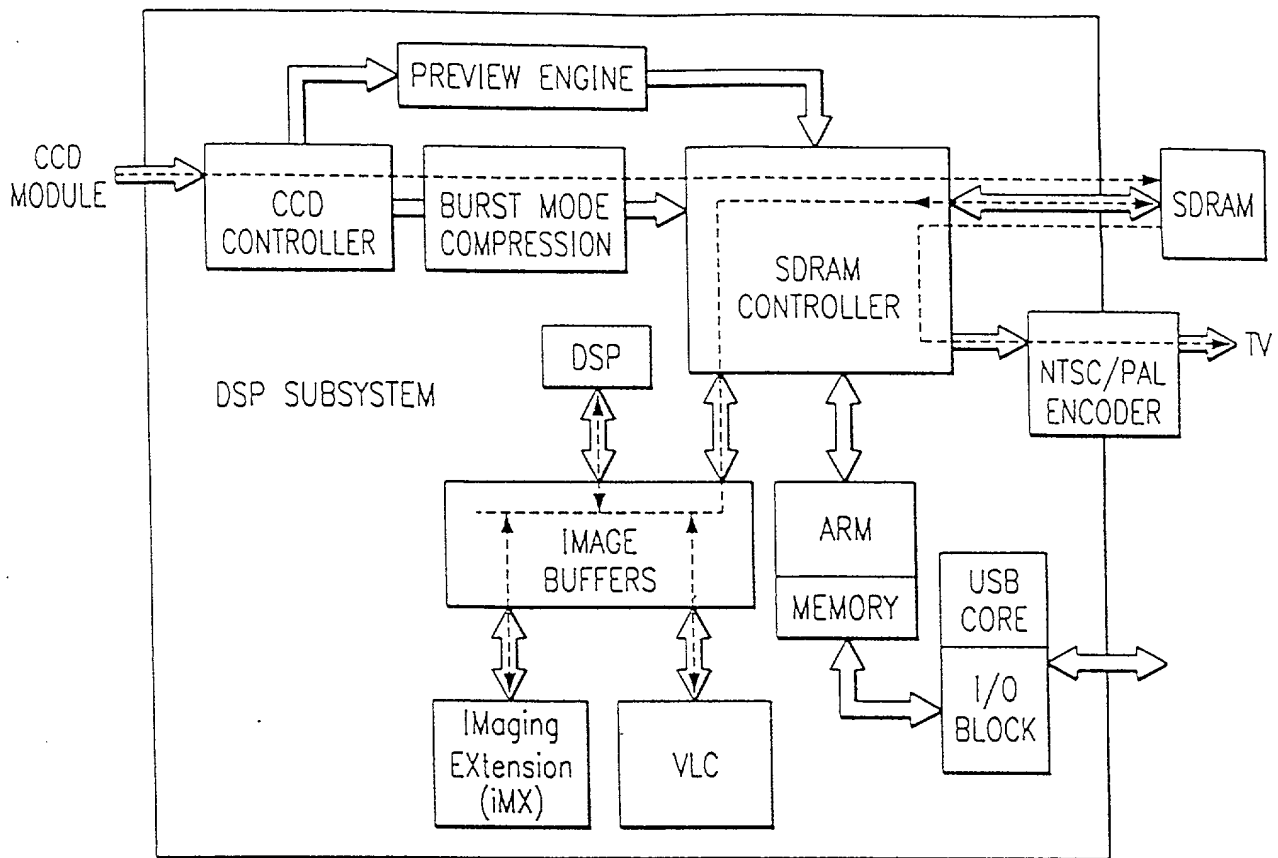


FIG. 3a

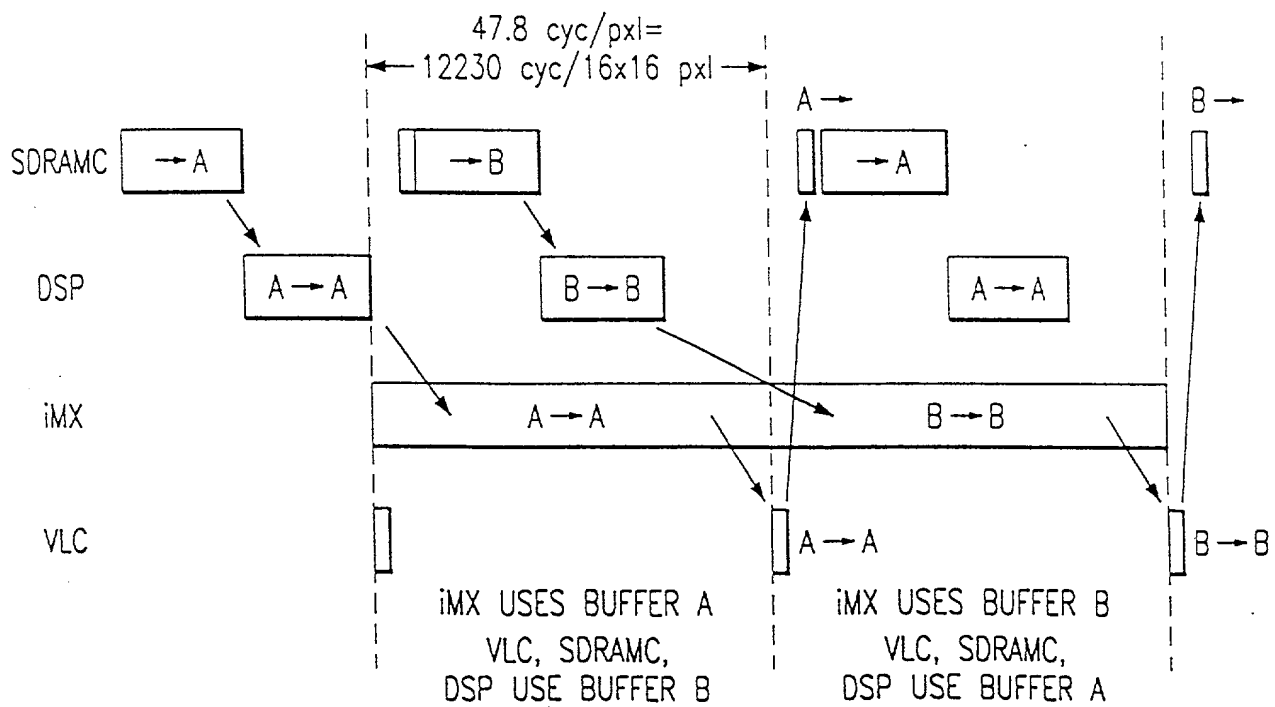


FIG. 3b

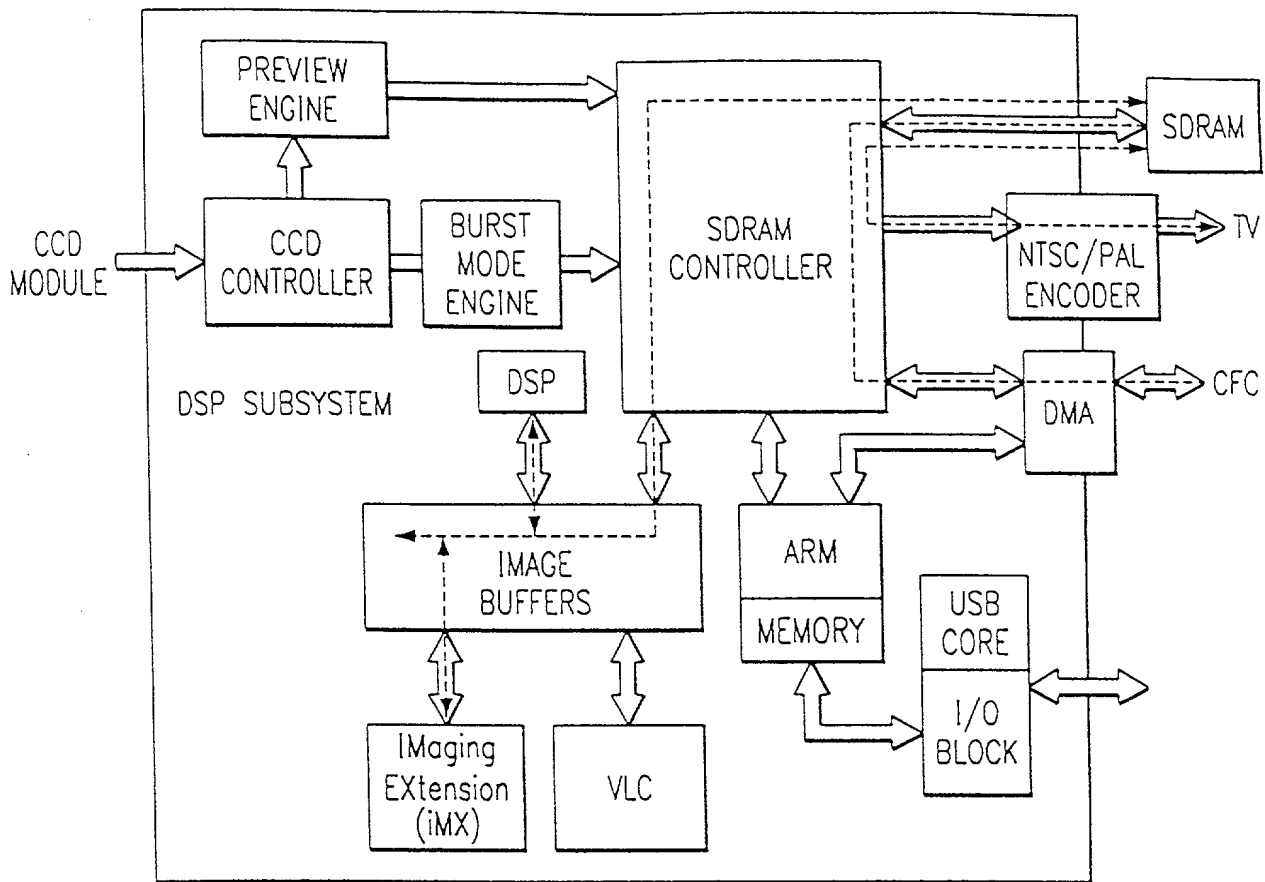


FIG. 4

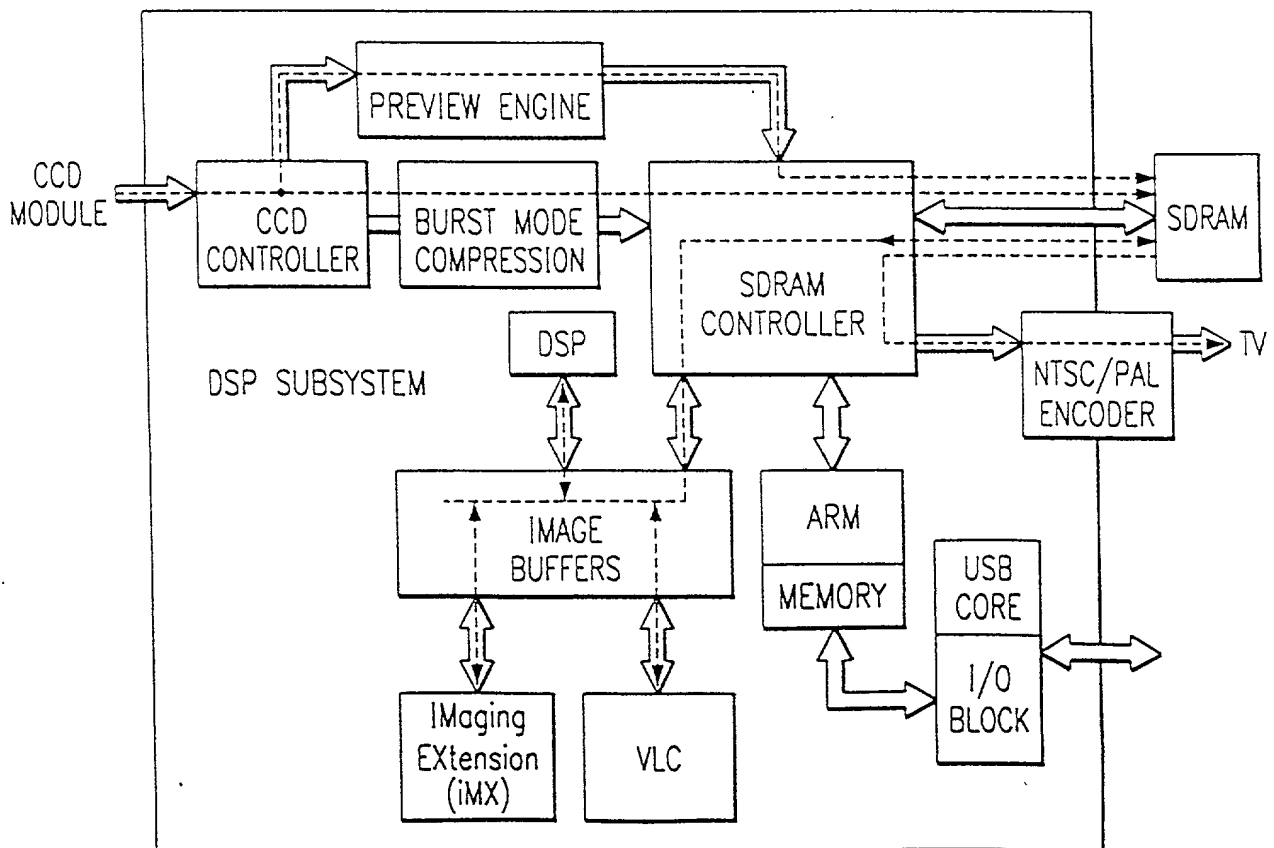


FIG. 5

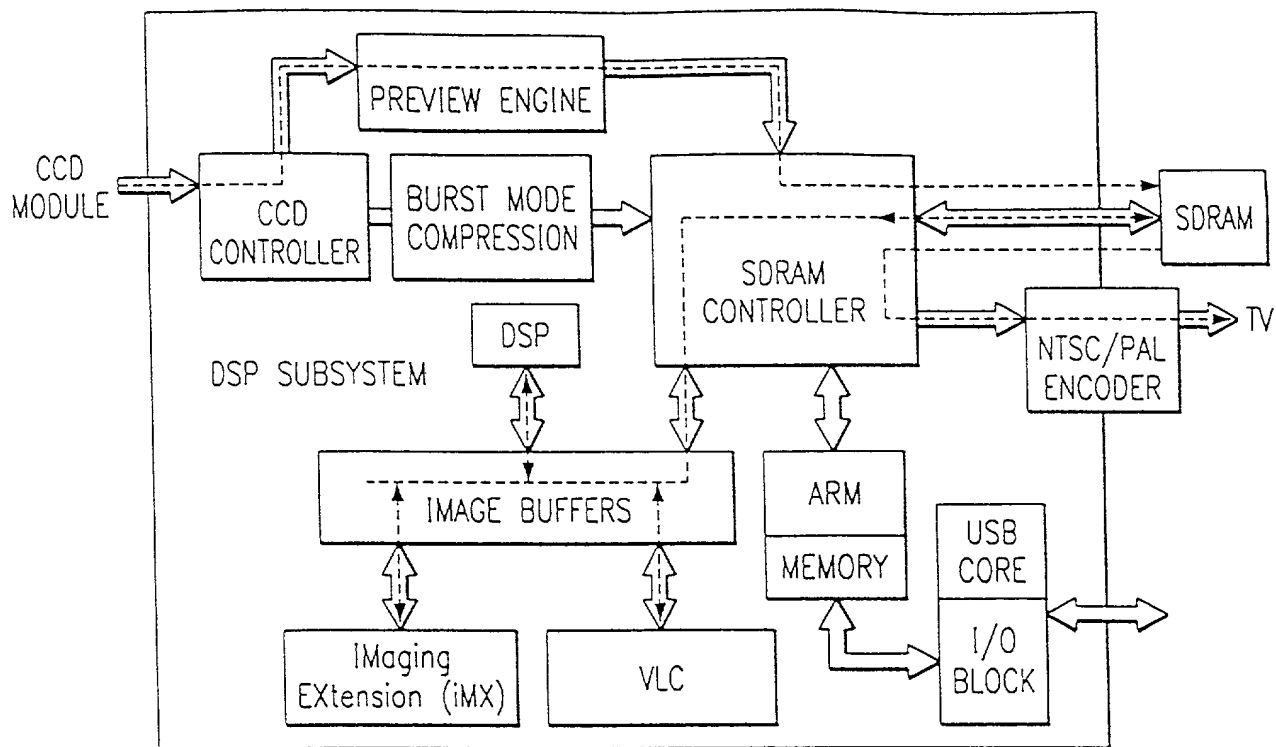


FIG. 6

| | | | |
|---|---|---|---|
| R | G | R | G |
| G | B | G | B |
| R | G | R | G |
| G | B | G | B |

FIG. 7a

| | | | |
|----|----|----|----|
| Ye | Cy | Ye | Cy |
| G | Mg | G | Mg |
| Ye | Cy | Ye | Cy |
| G | Mg | G | Mg |

FIG. 7b

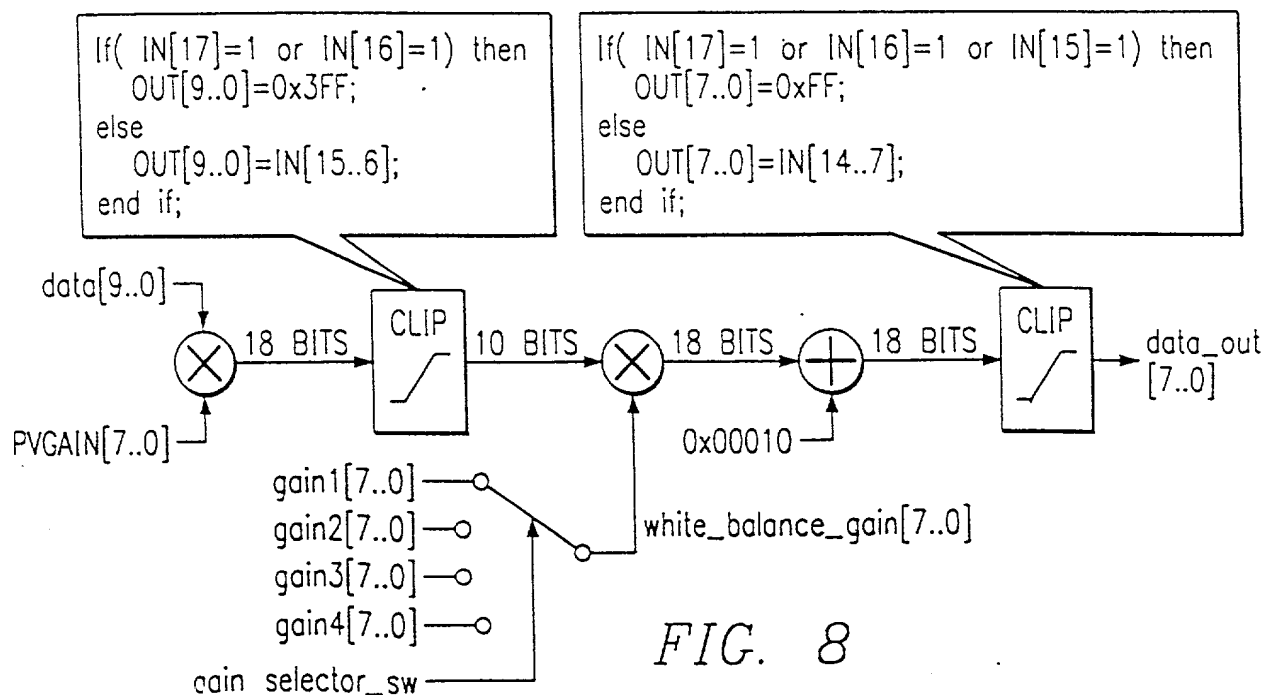
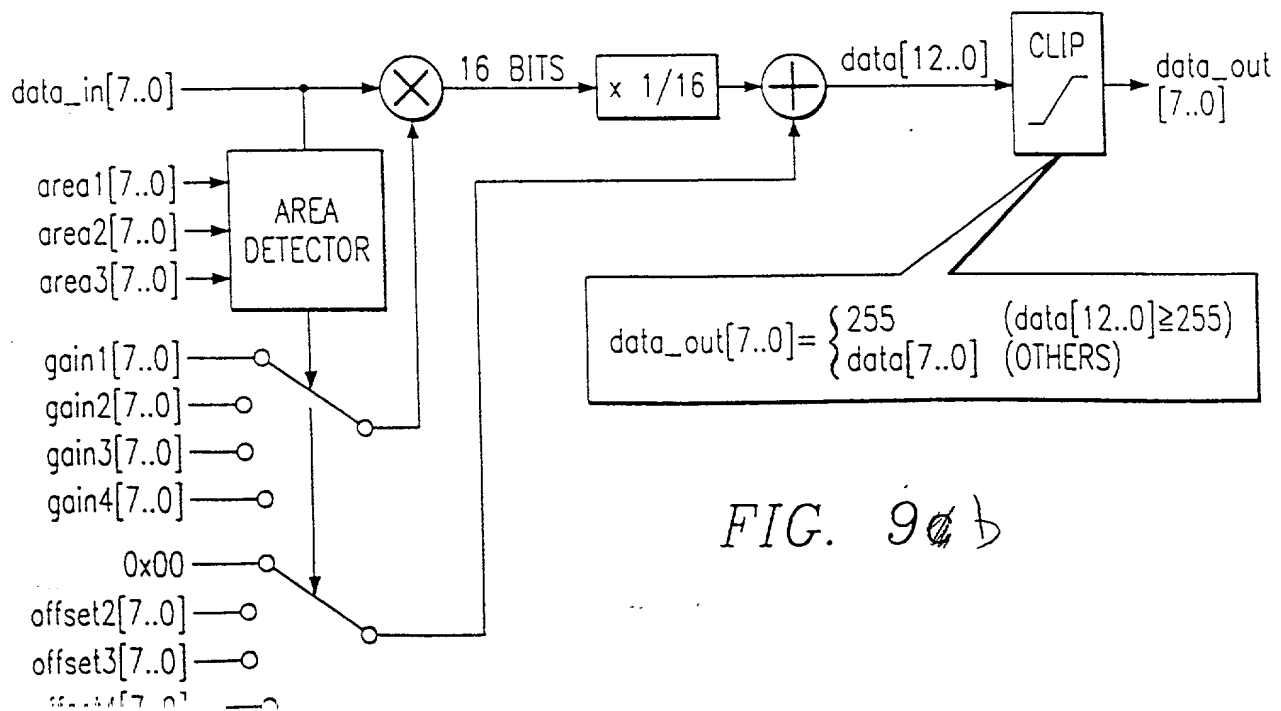
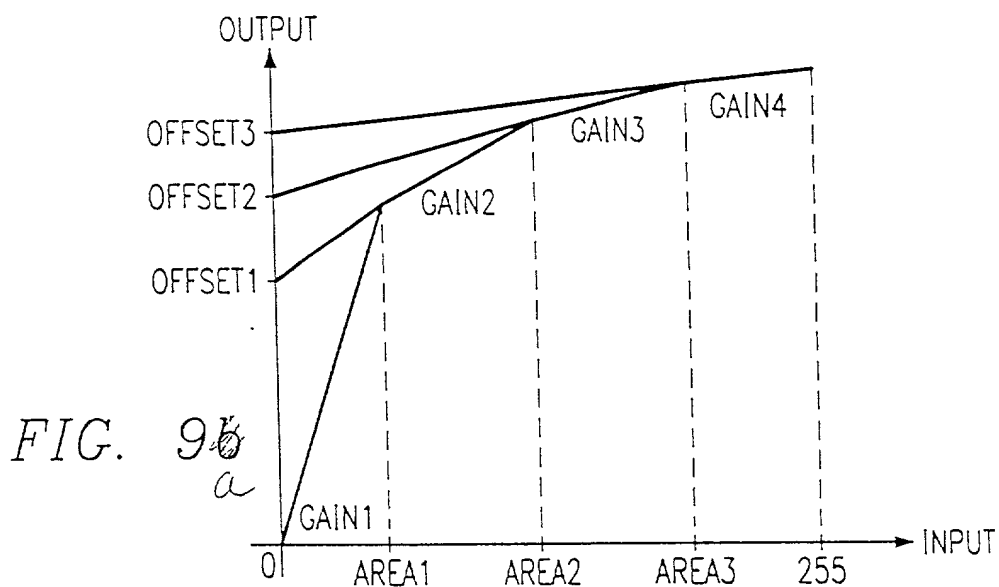
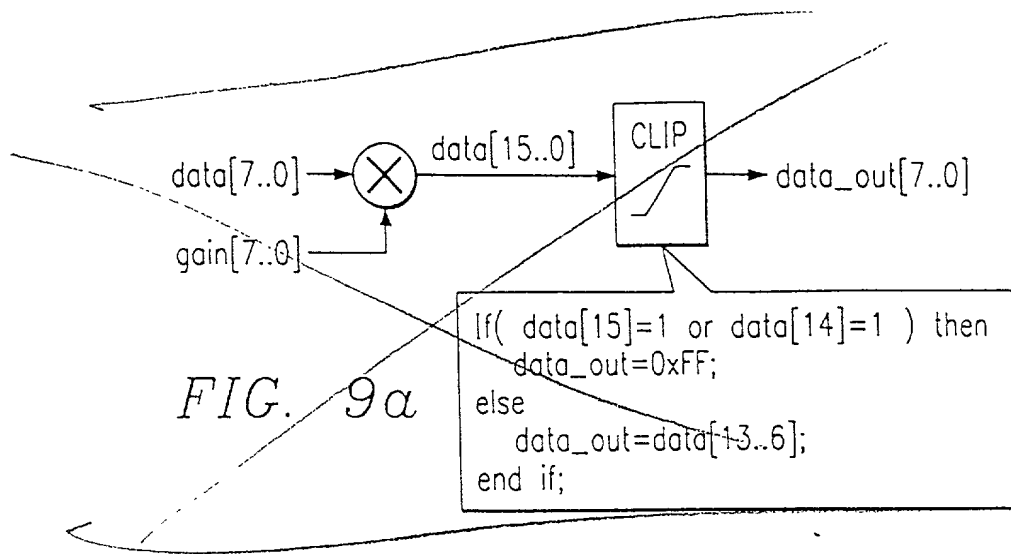


FIG. 8



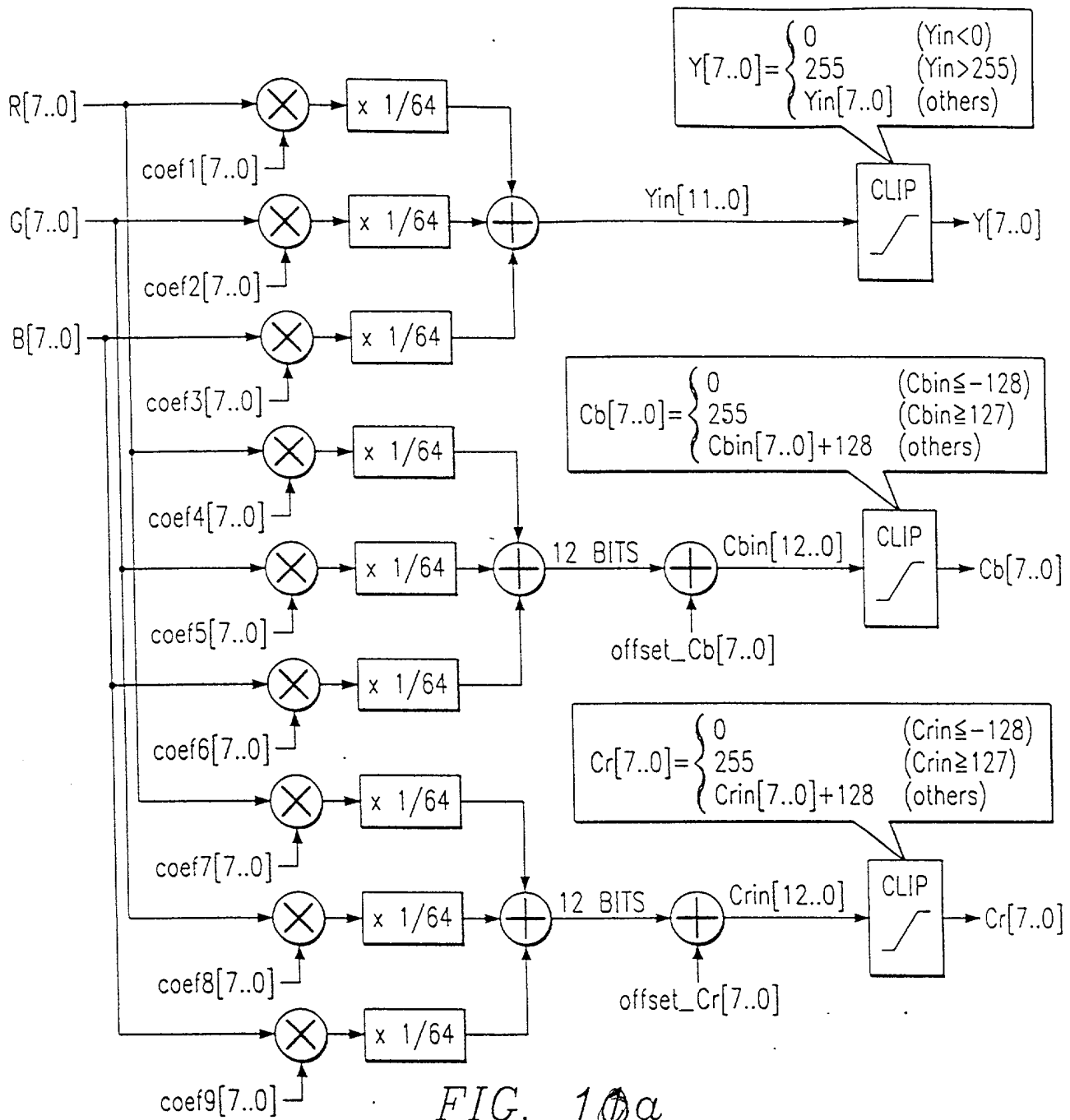


FIG. 10a

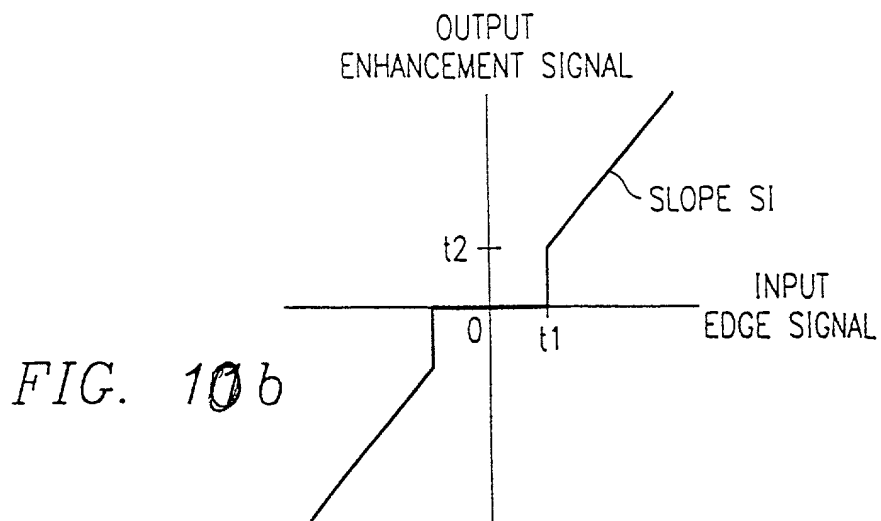


FIG. 10b

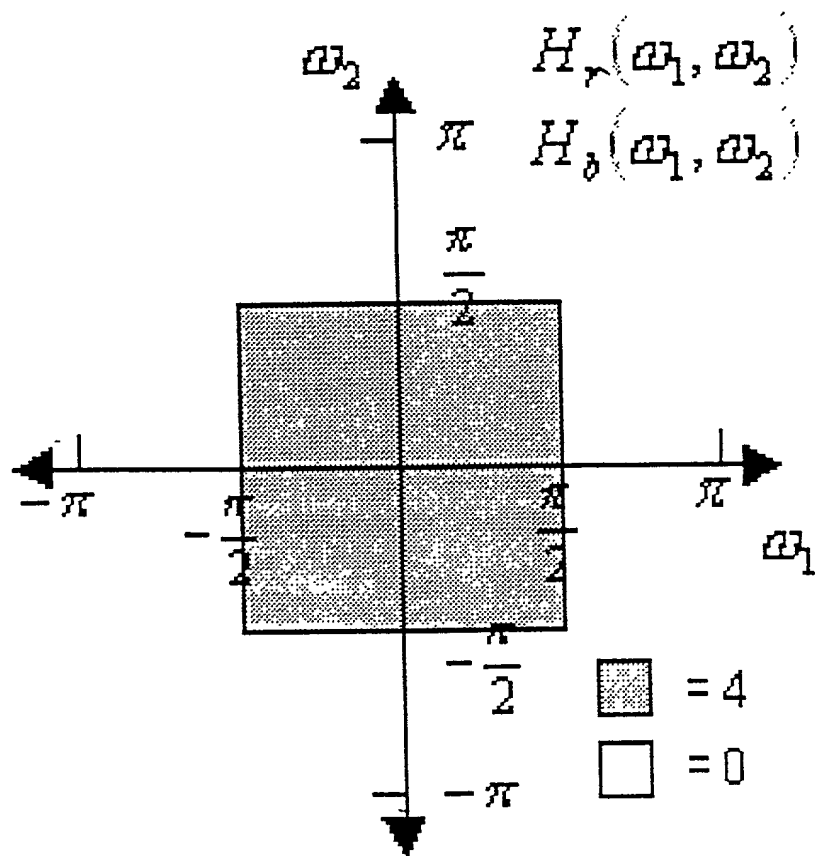


Fig. 11b

(a) Ideal red/blue interpolation filter.

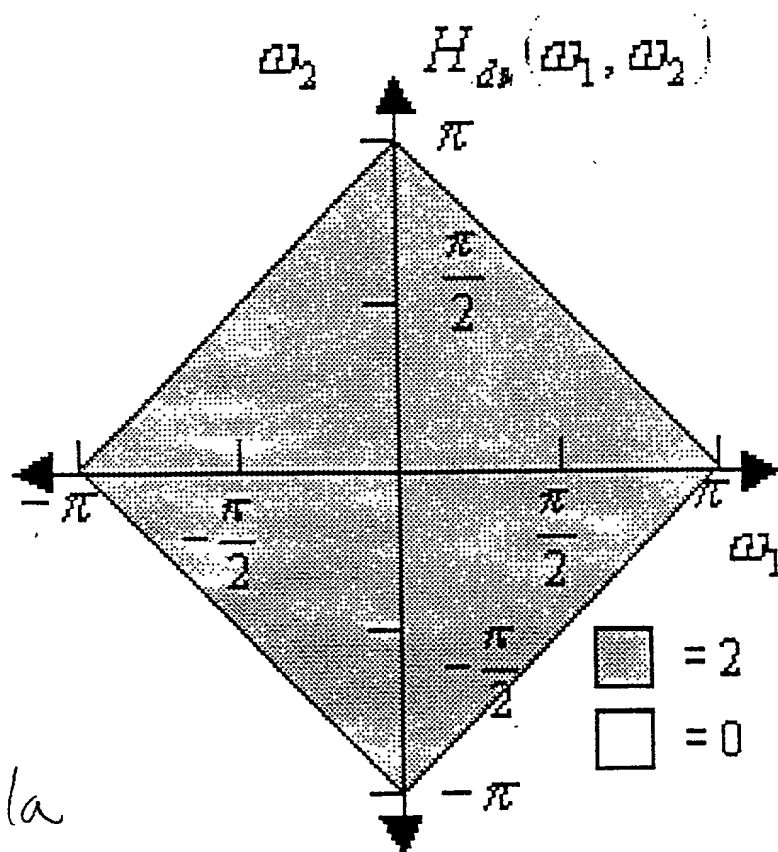


Fig 11a

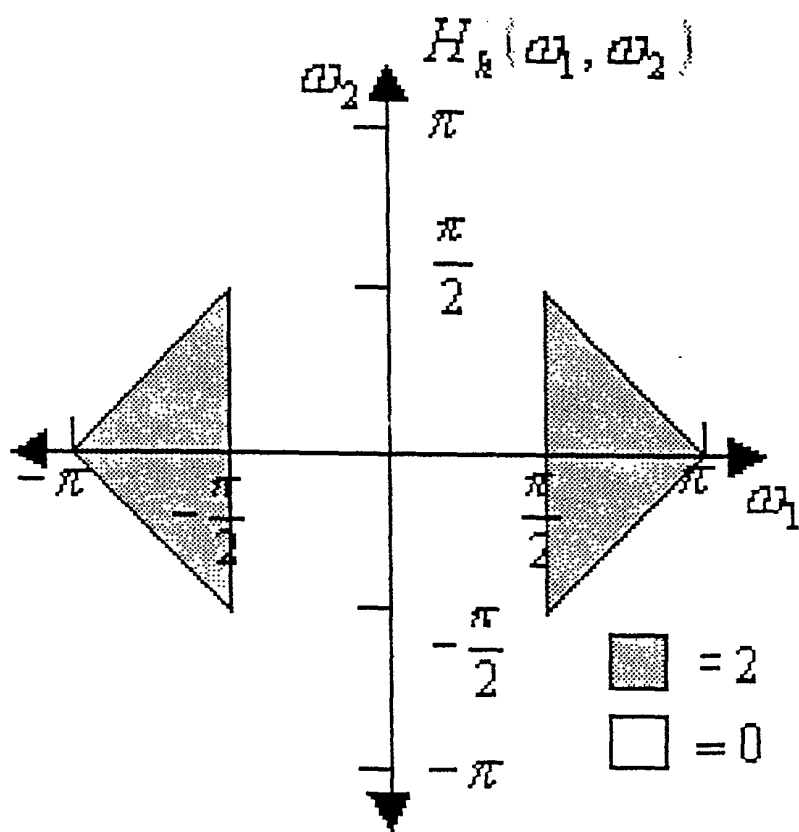


Fig. 11c

(a) Ideal horizontal high-pass filter.

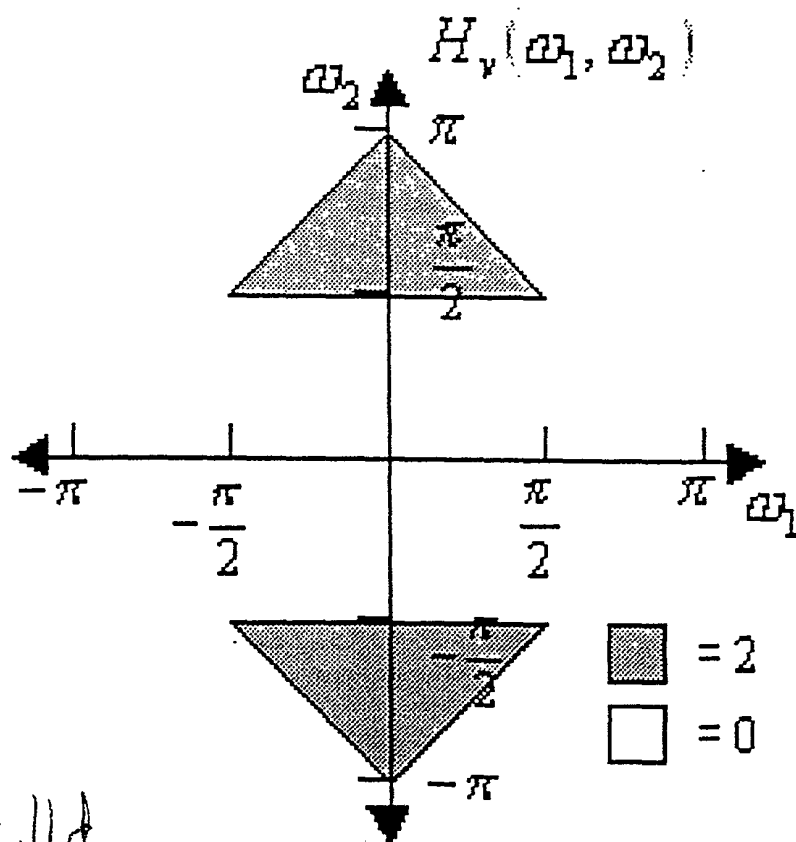


Fig. 11d